Dist-County-Route: 03-Sie-49
Post Mile Limits: 35.0/47.4
Project Type: Preventative Maintenance
Project ID (EA): XXXXXX
Program Identification: 20.80.010.010
Phase: ☒ PID ☐ PA/ED ☐ PS&E

Regional Water Quality Control Board(s): Central Valley

1.	Does the project disturb 5 or more acres of soil?	Yes ☐	No ☒
2.	Does the project disturb more than 1 acre of soil and not qualify for the Rainfall Erosivity Waiver?	Yes ☐	No ☒
3.	Is the project required to implement Treatment BMPs?	Yes ☐	No ☒
4.	Does the project impact existing Treatment BMPs?	Yes ☐	No ☒

If the answer to any of the preceding questions is "Yes", prepare a Long Form – Stormwater Data Report. Unless otherwise agreed upon by the District/Regional Design Stormwater Coordinator.

Total Disturbed Soil Area: 0.0 New Impervious Surface: 0.0
Estimated Const. Start Date: 6/1/17 Estimated Const. Completion Date: 8/1/17
Risk Level: RL 1 ☐ RL 2 ☐ RL 3 ☐ Not Applicable ☒

This Short Form – Stormwater Data Report has been prepared under the direction of the following Licensed Person. The Licensed Person attests to the technical information contained herein and the data upon which recommendations, conclusions, and decisions are based. Professional Engineer or Landscape Architect stamp required at PS&E.

Betsy Ross 08/26/16

Betsy Ross, Registered Project Engineer/Landscape Architect *Date*

I have reviewed the stormwater quality design issues and find this report to be complete, current and accurate:

[Stamp Required at PS&E only]

Friedrich Wilhelm von Steuben 08/26/16

Friedrich Vilhelm von Steuben, District/Regional Design SW Coordinator or Designee *Date*

1. Project Description

This project proposes to place a microsurfacing seal coat consisting of asphaltic emulsion and aggregate on the existing pavement to prolong the life of the roadway near Sierra City in Sierra County, on State Route 49 (SR 49) from 0.7 miles east of Gold Lake Road to the northern SR 49/89 junction near. Two alternatives are under consideration: a No-Build alternative and a Build alternative.

No-Build Alternative: The No-Build Alternative provides a basis of comparison with the Build Alternative in the future analysis year of 2030. The No-Build Alternative does not change existing conditions and would have no stormwater impacts.

Build Alternative: Prior to placing the microsurfacing, cracks would be sealed, and failed pavement would be replaced by grinding to a maximum depth of 3 inches and repaving with hot mix asphalt (HMA). Damaged asphalt concrete dikes would be replaced in kind and shoulder backing would be constructed behind these dikes. All pavement delineation affected would be replaced in kind.

Per the EPA definition for the CGP, this project is considered routine maintenance because it maintains the original line and grade, hydraulic capacity, and original purpose of the facilities. This project provides preventative maintenance to existing highway facilities and will maintain existing facility functions. Because the project is routine maintenance it generates no erodible surfaces that are considered DSA under the Construction General Permit. With the exception of temporary construction area sign placement and placement of shoulder backing behind HMA dikes, all work is within existing pavement limits and does not count toward the calculation of disturbed soil area.

This project will have no permanent water quality impacts because it does not disturb soil and does not create any new impervious area. The project will perpetuate exisiting drainage patterns and outfalls.

The project is not located within the area of a local Municipal Separate Storm Sewer System (MS4) permittee.

2. Site Data and Stormwater Quality Design Issues

Receiving water bodies for this project are in the Sierra City HSA (517.54) and Sierra Valley HSA (518.35). None of these are on the 2012 Clean Water Act 303(d) List of Water Quality Limited Segments or has a specified total maximum daily load.

A 401 Water Quality Certification is not anticipated.

3. Construction Site BMPs

This project has no disturbed soil area, and therefore will require a Water Pollution Control Program rather than a Storm Water Pollution Prevention Plan. Because the project disturbs less than one acre of soil, neither a Rainfall Erosivity Waiver nor a Risk Assessment is required.

Temporary construction site Best Management Practices (BMPs) will minimize water pollution. The short construction period of two dry summer months will further reduce the potential for water quality impacts. As a result, only general housekeeping items covered under Construction Site Management are anticipated to be necessary, as well as ensuring that construction primarily occurs outside of an anticipated rain event to minimize stormwater impacts.

Project specific BMP measures will be specified and quantified during the design phase. Temporay construction BMPs have been estimated at 2.50% of the total project cost ($1,200,000) in accordance with the Project Initiation Cost Estimate Method, Appendix F.3.1, 2016 PPDG.

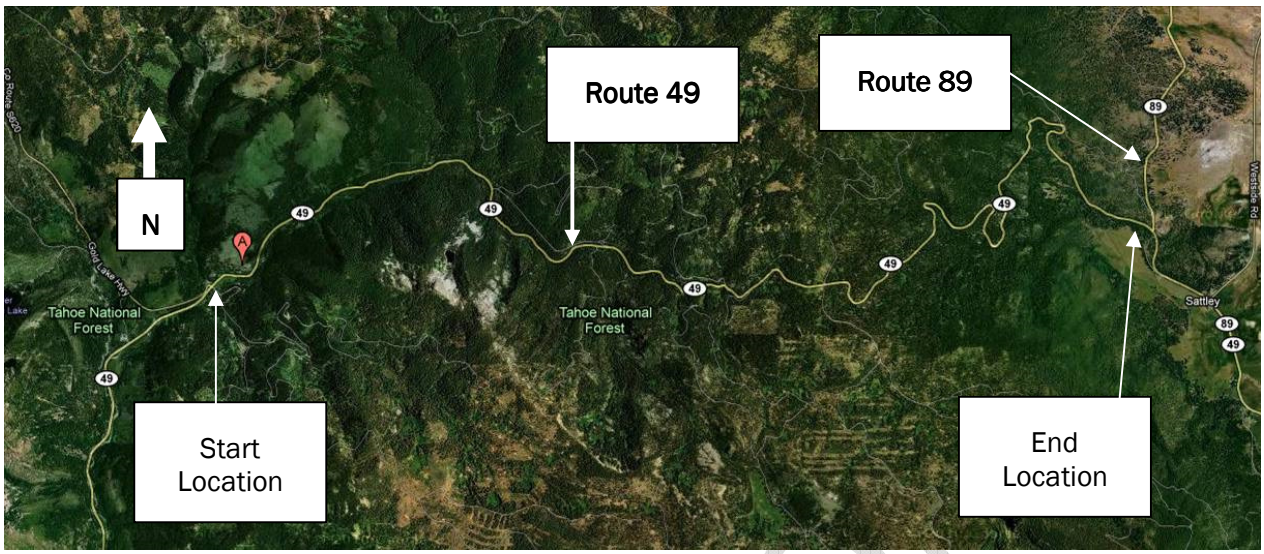
A coordination meeting with the Caltrans Construction Storm Water Coordinator, William Alexander was held on July 13, 2016. The Construction unit concurs with the Construction Site BMP development and strategy for this stage of the Project.

Required Attachments[1]

- Vicinity Map
- Evaluation Documentation Form
- SWDR Summary Spreadsheets

[1] Additional attachments may be required as applicable or directed by the District/Regional Design Storm Water Coordinator (e.g., BMP line item estimate, SW, DPP, and CS Checklists).

Vicinity Map



Evaluation Documentation Form

DATE: 08-26-16

Project ID (EA): XXXXXX

No.	Criteria	Yes ✓	No ✓	Supplemental Information for Evaluation
1.	Begin Project evaluation regarding requirement for implementation of Treatment BMPs	✓		See Figure 4-1, Project Evaluation Process for Consideration of Treatment BMPs. Continue to 2.
2.	Is the scope of the Project to install Treatment BMPs (e.g., Alternative Compliance or TMDL Compliance Units)?		✓	If **Yes**, go to 8. If **No**, continue to 3.
3.	Is there a direct or indirect discharge to surface waters?	✓		If **Yes**, continue to 4. If **No**, go to 9.
4.	As defined in the WQAR or ED, does the project: a. discharge to areas of Special Biological Significance (ASBS), or b. discharge to a TMDL watershed where Caltrans is named stakeholder, or c. have other pollution control requirements for surface waters within the project limits?		✓ ✓ ✓	If **Yes to any**, contact the District/Regional Design Stormwater Coordinator or District/Regional NPDES Coordinator to discuss the Department's obligations, go to 8 or 5. _____*(Dist./Reg. Coordinator initials)* If **No** to all, continue to 5.
5.	Are any existing Treatment BMPs partially or completely removed? (ATA condition #1, Section 4.4.1)		✓	If **Yes**, go to 8 **AND** continue to 6. If **No**, continue to 6.
6.	Is this a Routine Maintenance Project?	✓		If **Yes**, go to 9. If **No**, continue to 7.
7.	Does the project result in an increase of one acre or more of new impervious surface (NIS)?			If **Yes**, go to 8. If **No**, go to 9.
8.	Project is required to implement Treatment BMPs.	Complete Checklist T-1, Part 1.		
9.	Project is not required to implement Treatment BMPs. FWS *(Dist./Reg. Design SW Coord. Initials)* BR *(Project Engineer Initials)* 08/26/16 *(Date)*	Document for Project Files by completing this form and attaching it to the SWDR.		

See Figure 4-1, Project Evaluation Process for Consideration of Permanent Treatment BMPs

SWDR

SWDR Signed Date	District	EA/Project ID	County	Route	Beg_PM	End_PM	Project Description	Project Phase	Long SWDR	Risk Level	DSA (ac)	TMDL Waterbody
8/26/2016	3	XXXXXX	SIE	49	35.00	47.40	Preventative Maintenance	PID	No	WPCP	0.0	No

Biofiltration Strips and Swales	Detention	Infiltration Devices	GSRD	TST	MedFilter	DPPIA	SA	Other BMP	Est. Const_Start	Est. Const _Comp	SW Comment
0	0	0	0	0	0	0	0	0	6/1/2017	8/1/2017	

Post Const Treatment Area (ac)	Treated Impervious Area (ac)	Treated Impervious Area Balance (ac)	Treated Pervious Area (ac)	Stabilized Area (ac)	MWELO	RSA
0.00	0.00	0.00	0.00	0.00	No	No